

FIG. 1



FIG. 2

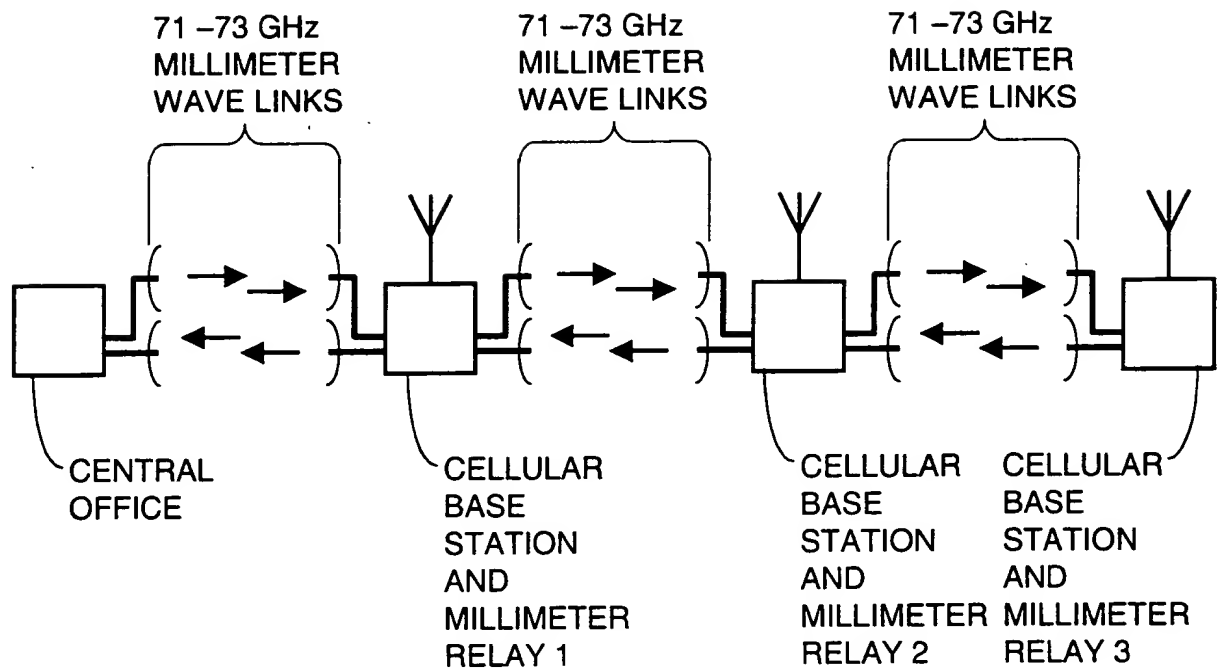


FIG. 3

**LOCAL OSCILLATOR
FREQUENCIES:**

Station 1 = 70.176 GHz
Station 2 = 70.203 GHz
Station 3 = 70.230 GHz

Station 31 = 70.986 GHz
Station 32 = 71.013 GHz

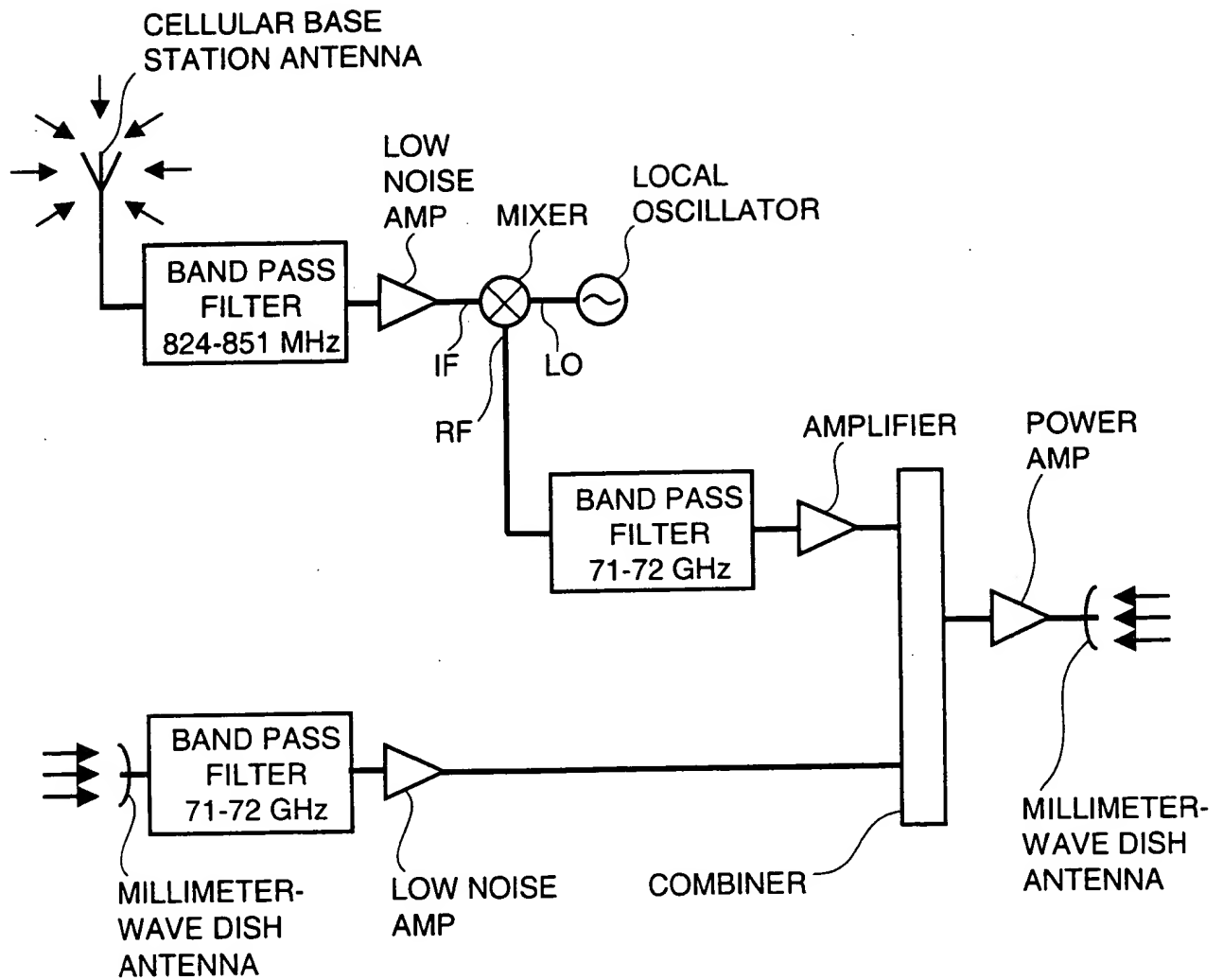


FIG. 4

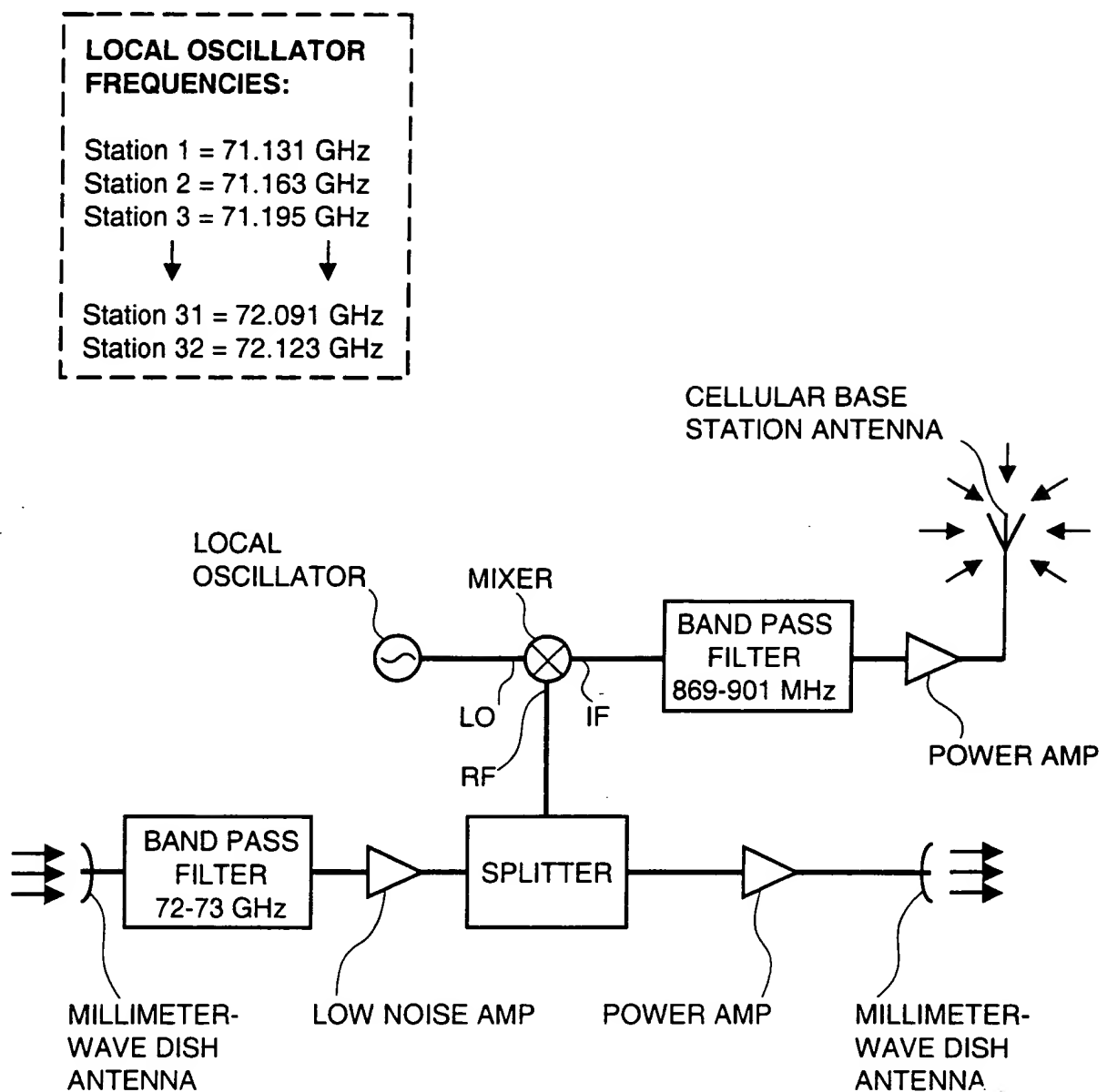


FIG. 5

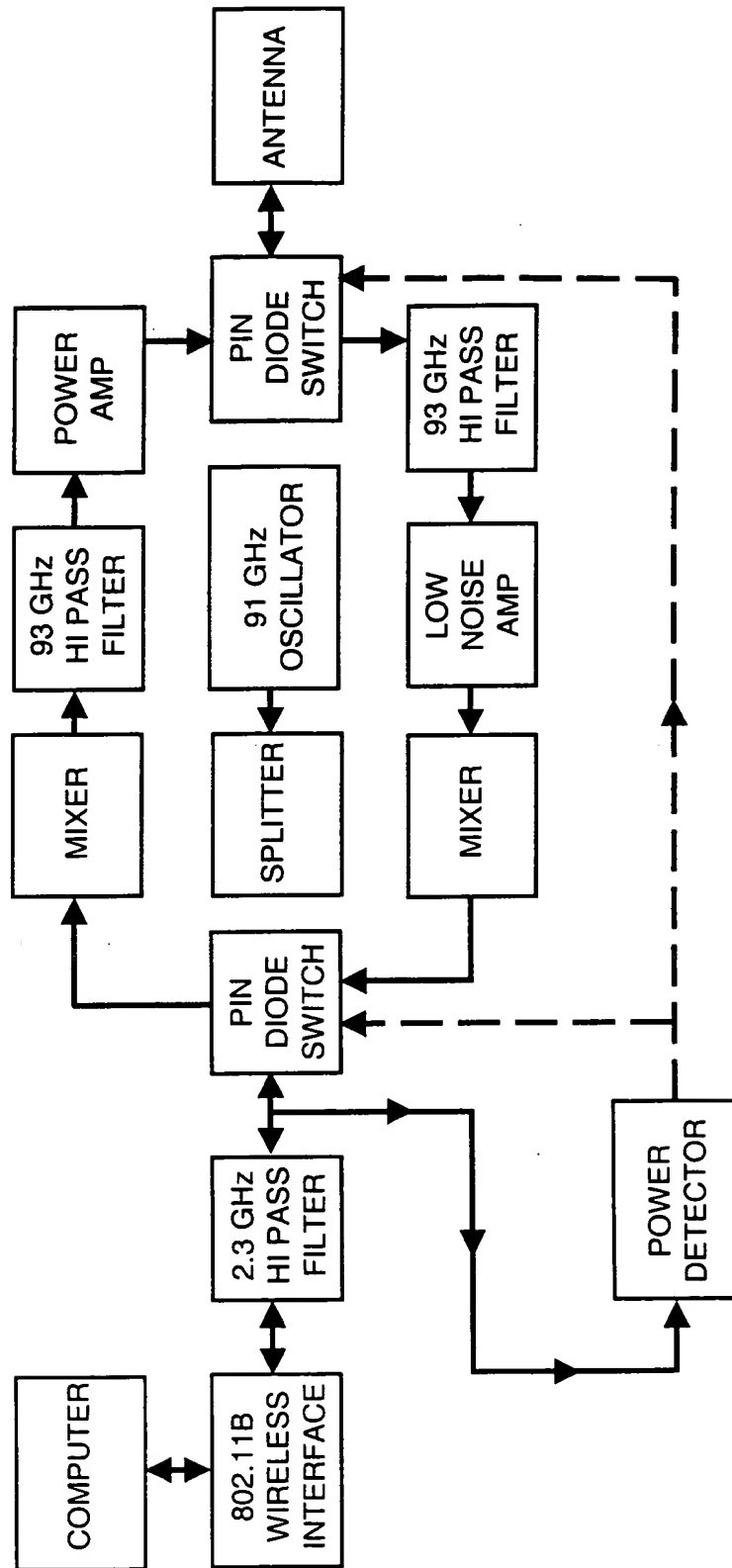


FIG. 6

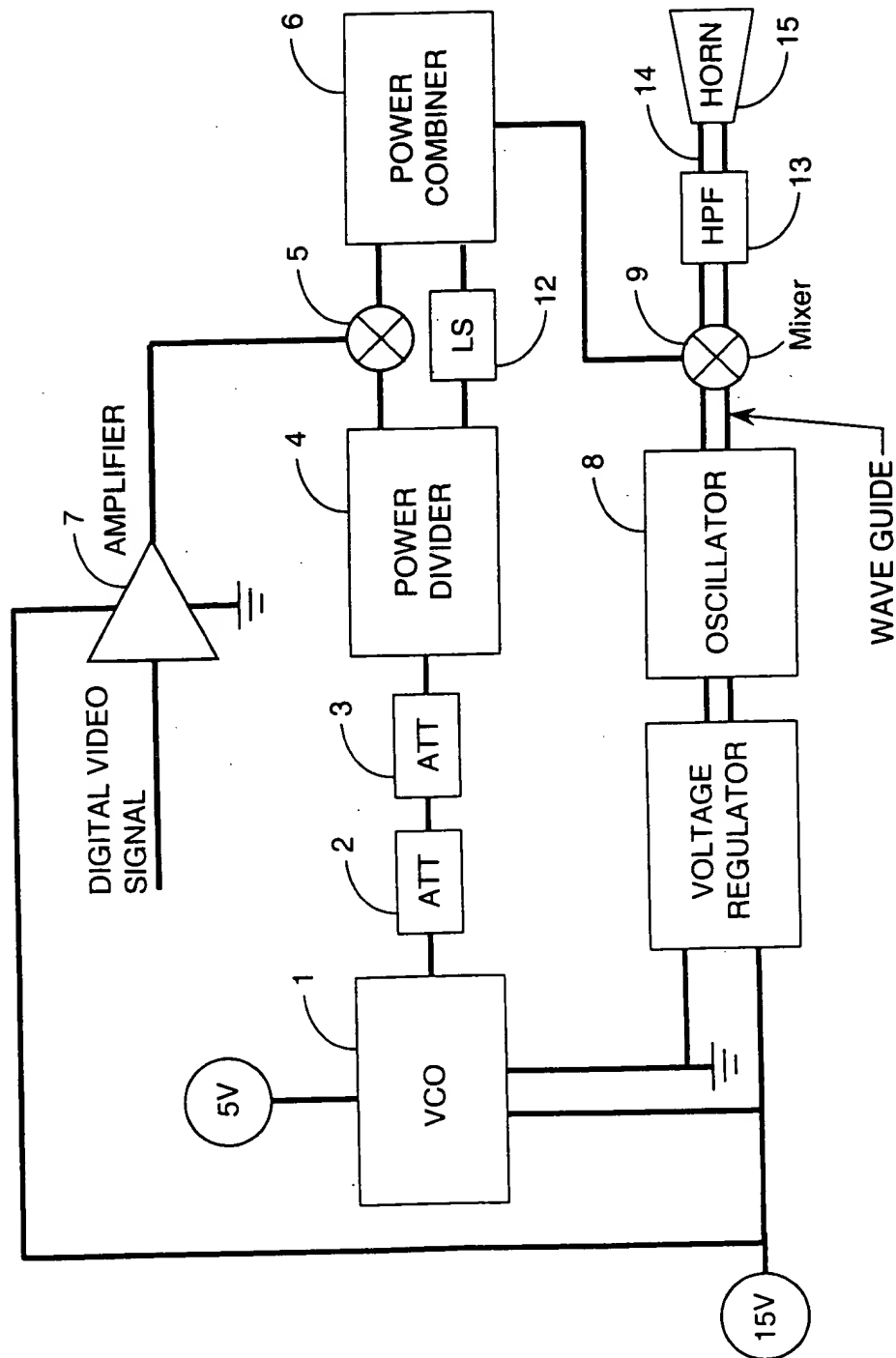


FIG. 7

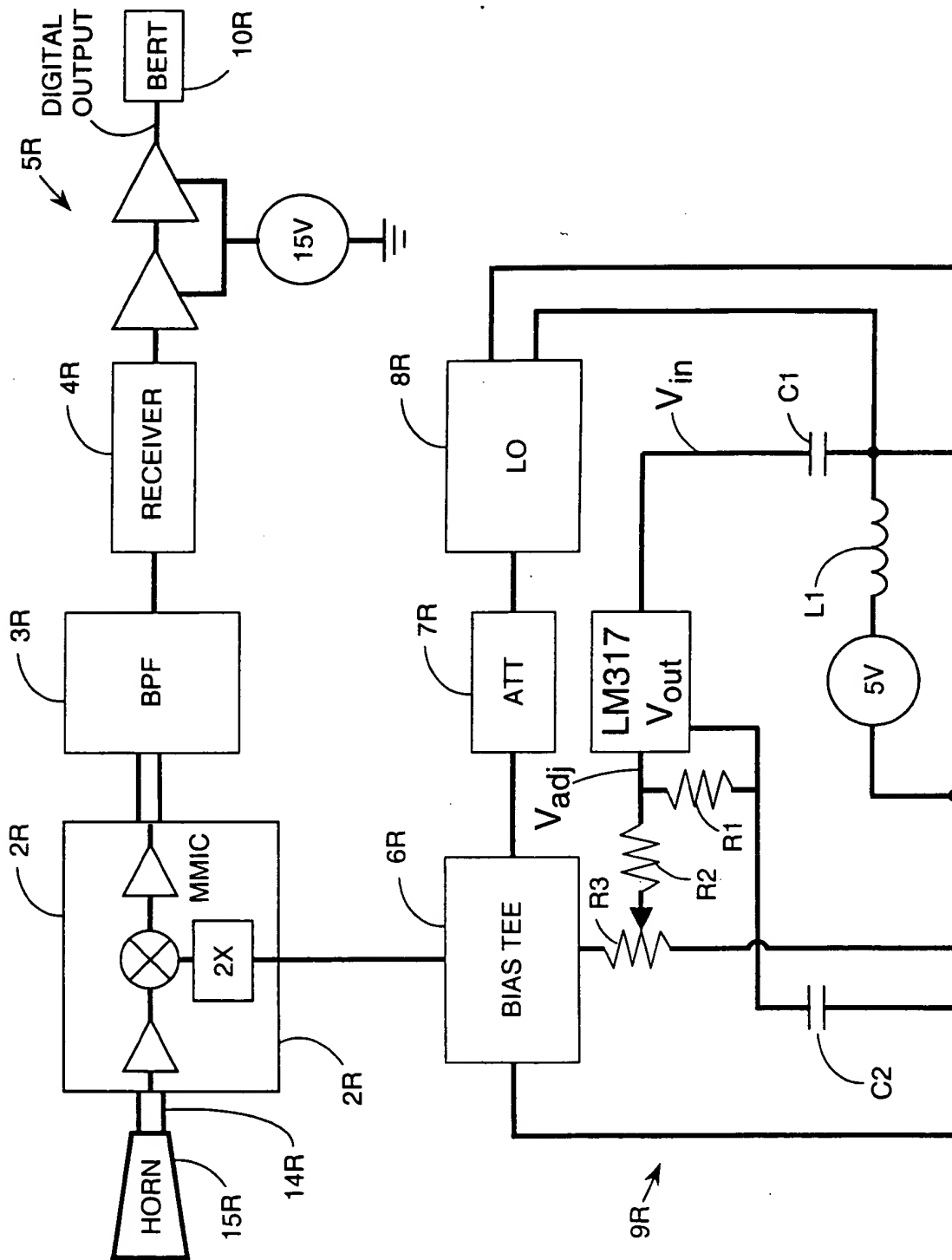
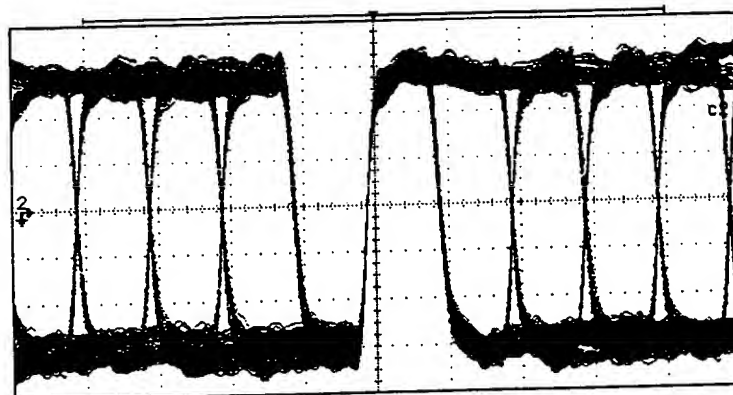


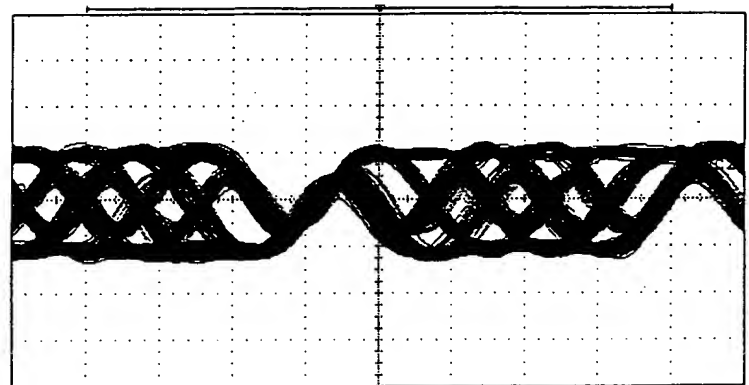
FIG. 8



-24.000 ns 1.000 ns 26.000 ns
5.00 ns/div Real time
2 200 mV/
0.00000 V

RECEIVER SIGNAL FROM BERT 200

FIG. 9



-4.000 ns 1.000 ns 6.000 ns
1.00 ns/div Real time
2 500 mV/
0.00000 V

RECEIVER SIGNAL FROM BERT 200

FIG. 10

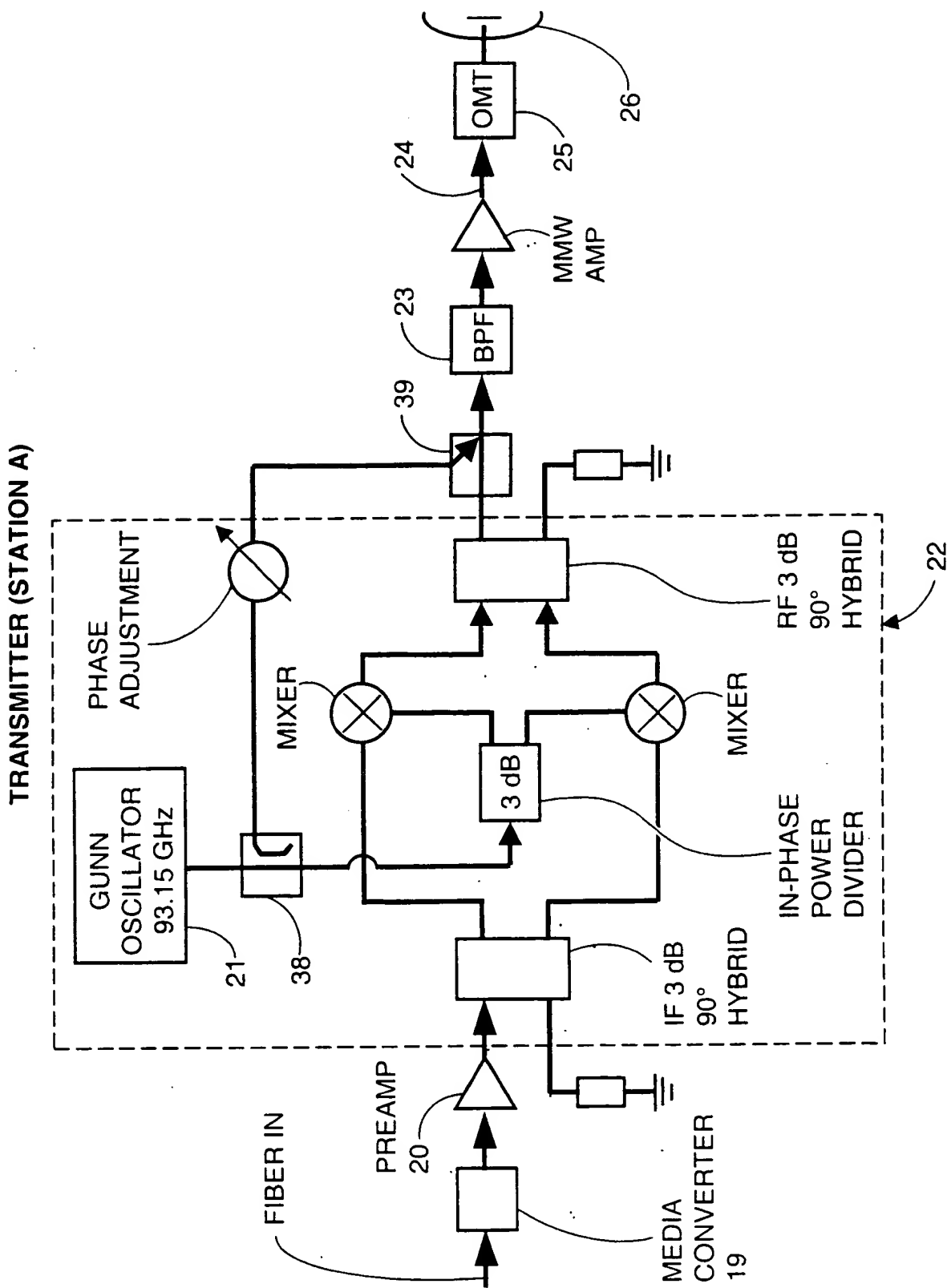


FIG. 11A

RECEIVER (STATION A)

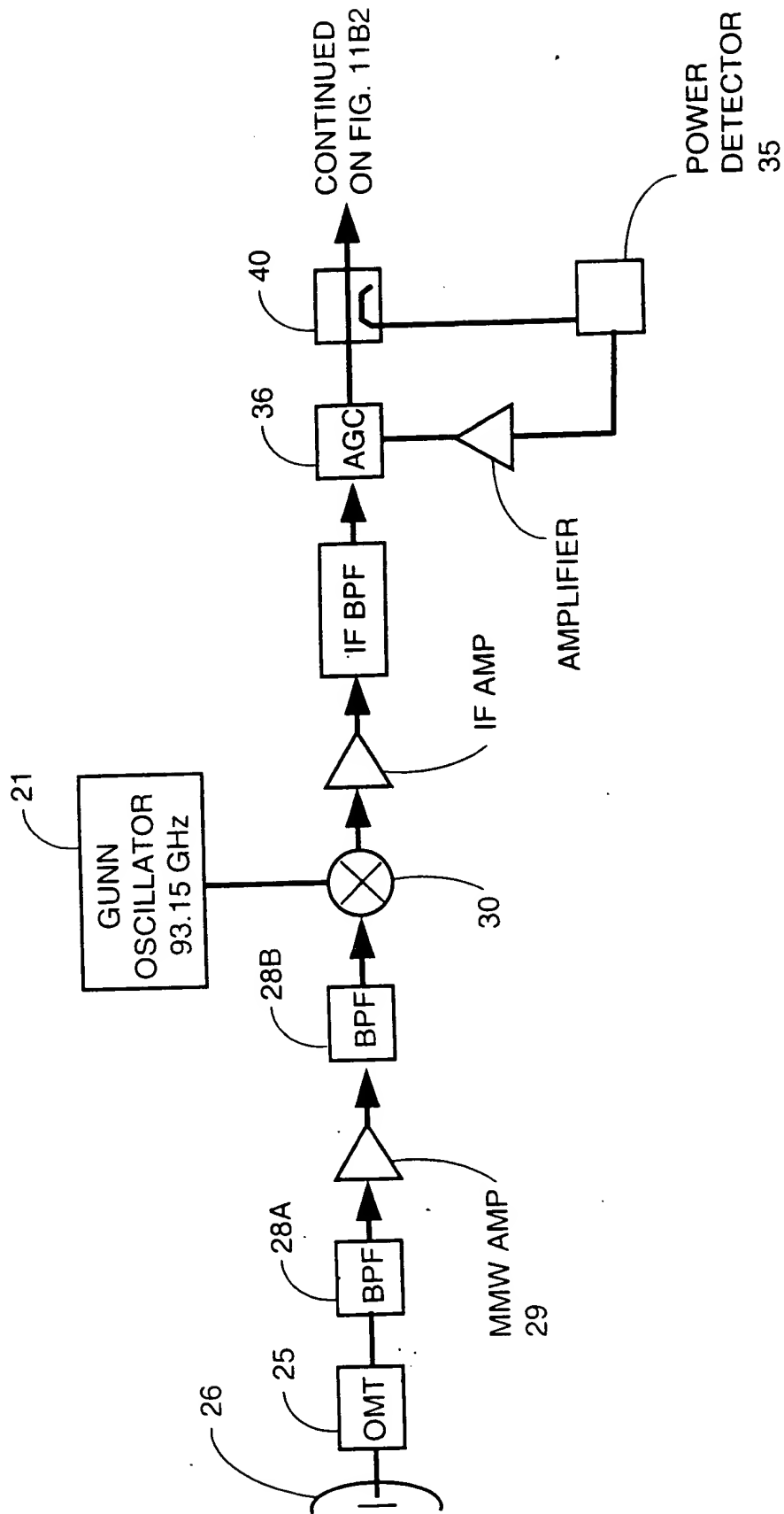


FIG. 11B1

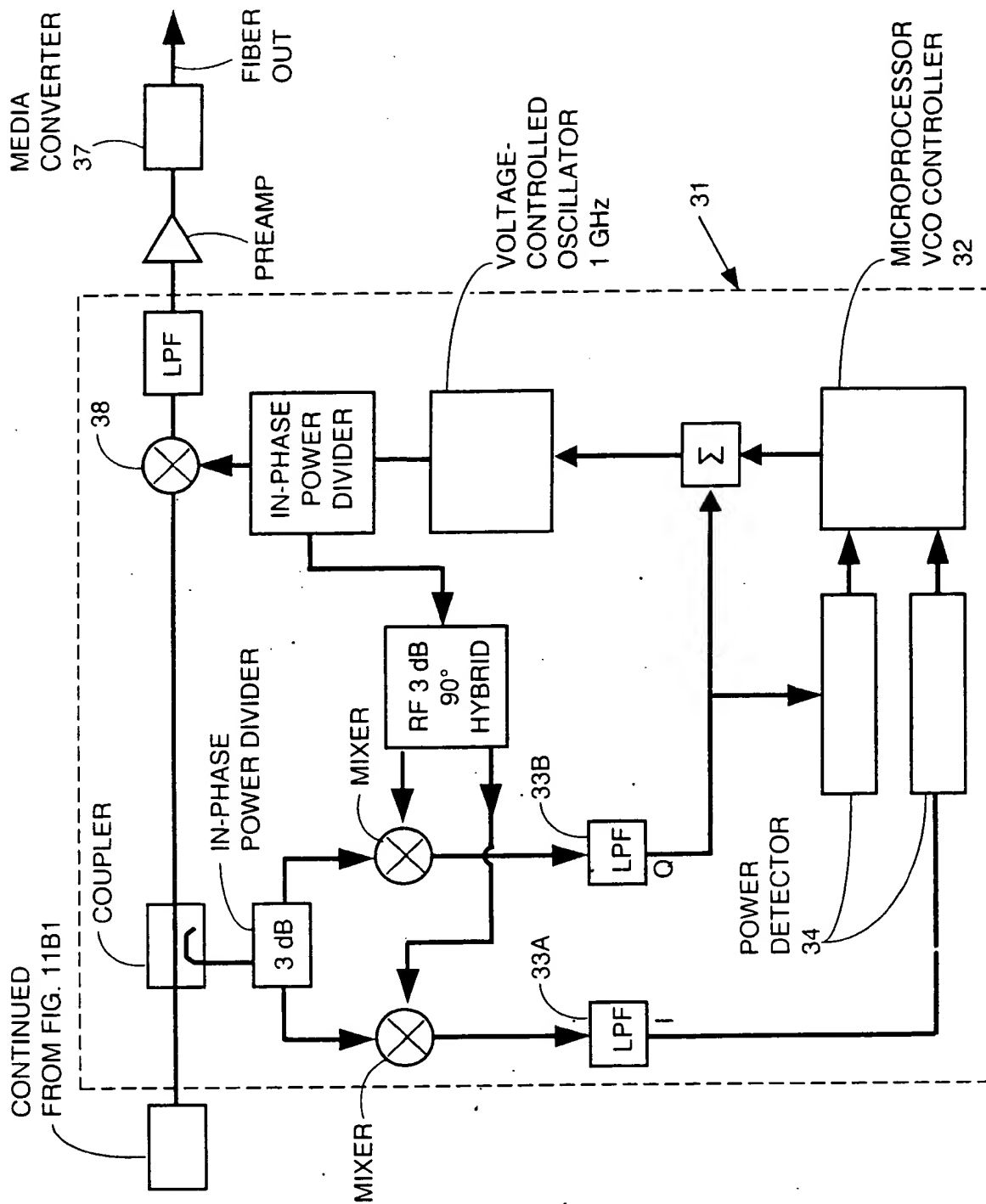


FIG. 11B2

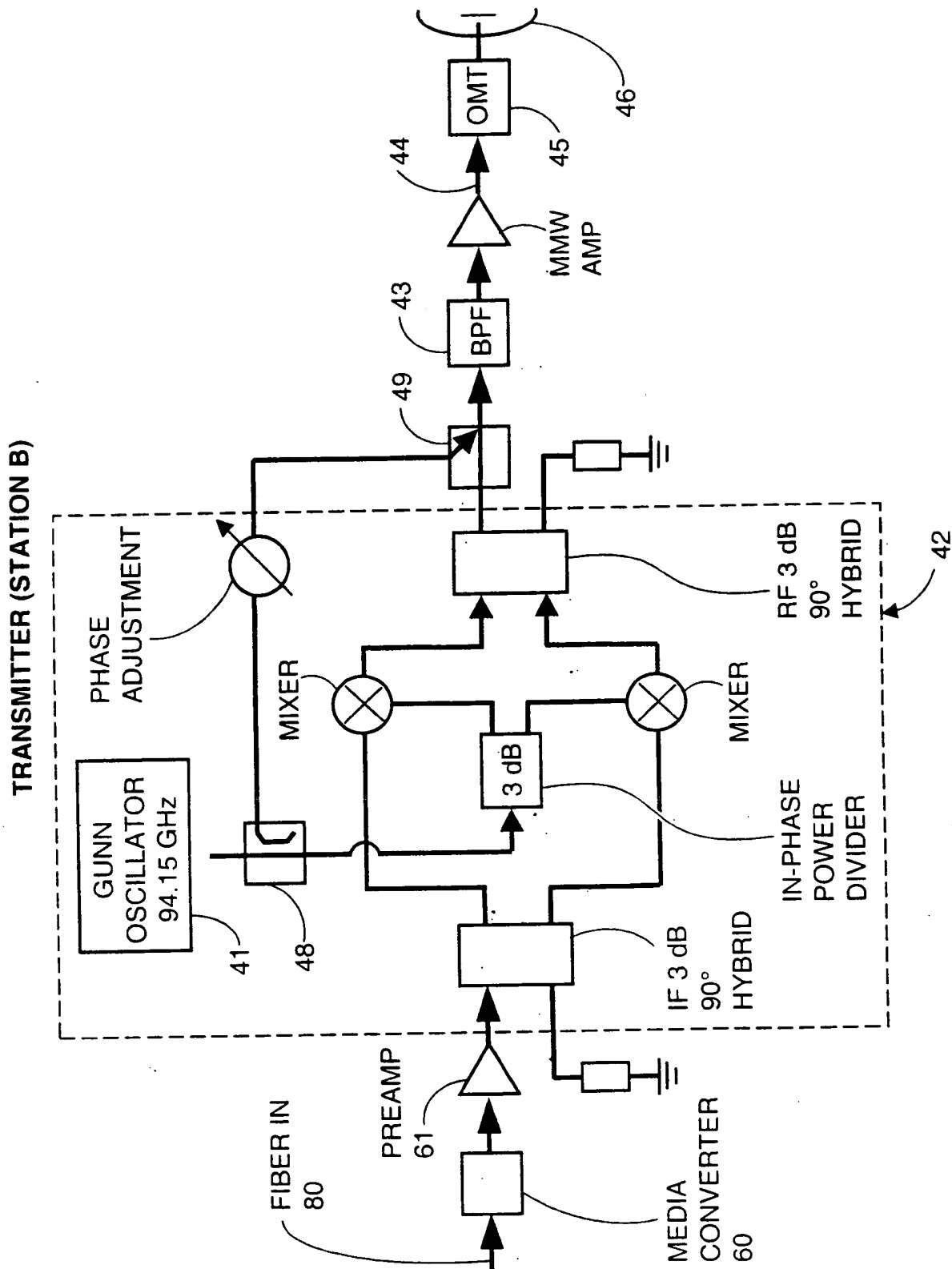


FIG. 12A

RECEIVER (STATION B)

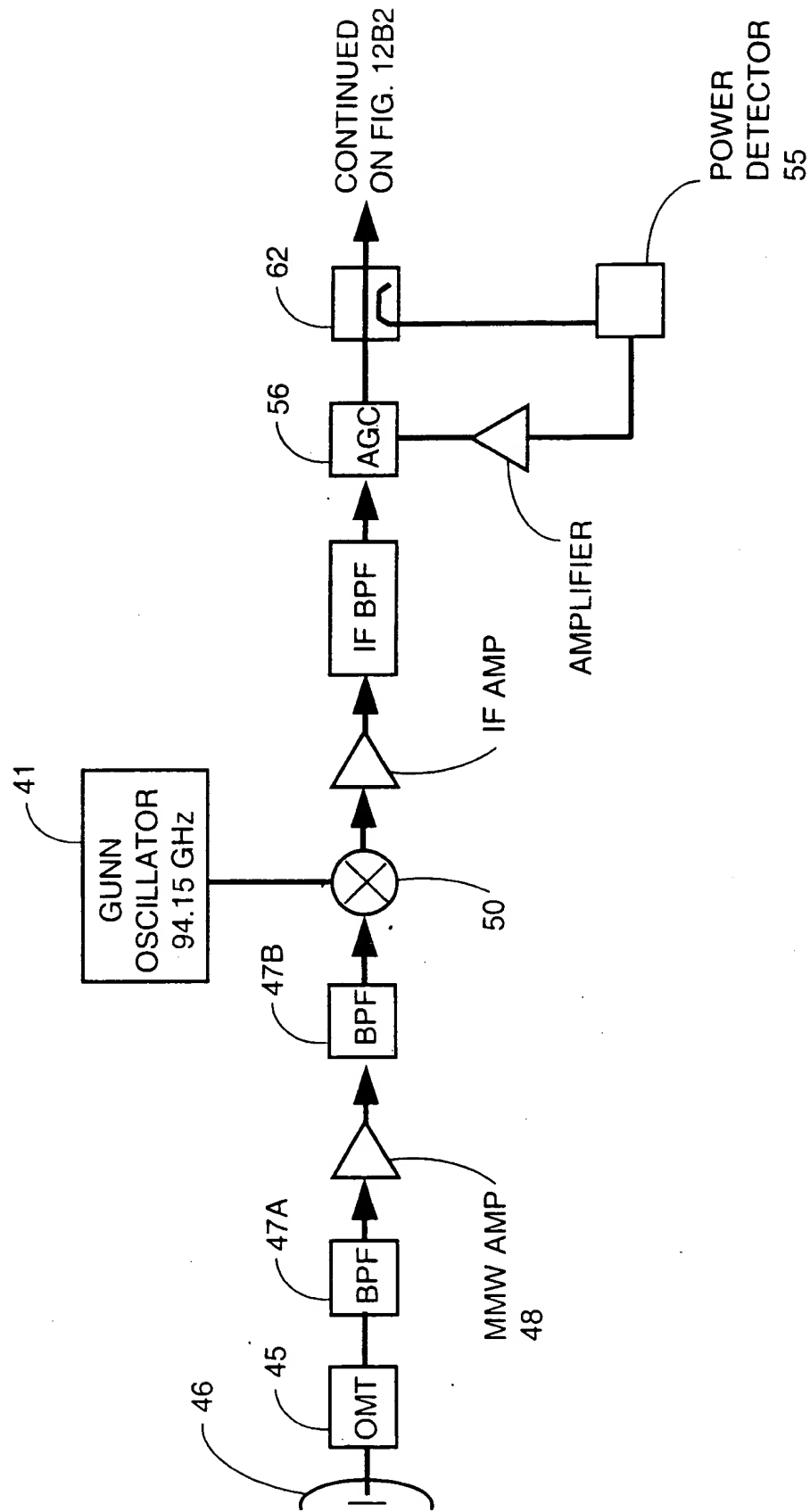


FIG. 12B1

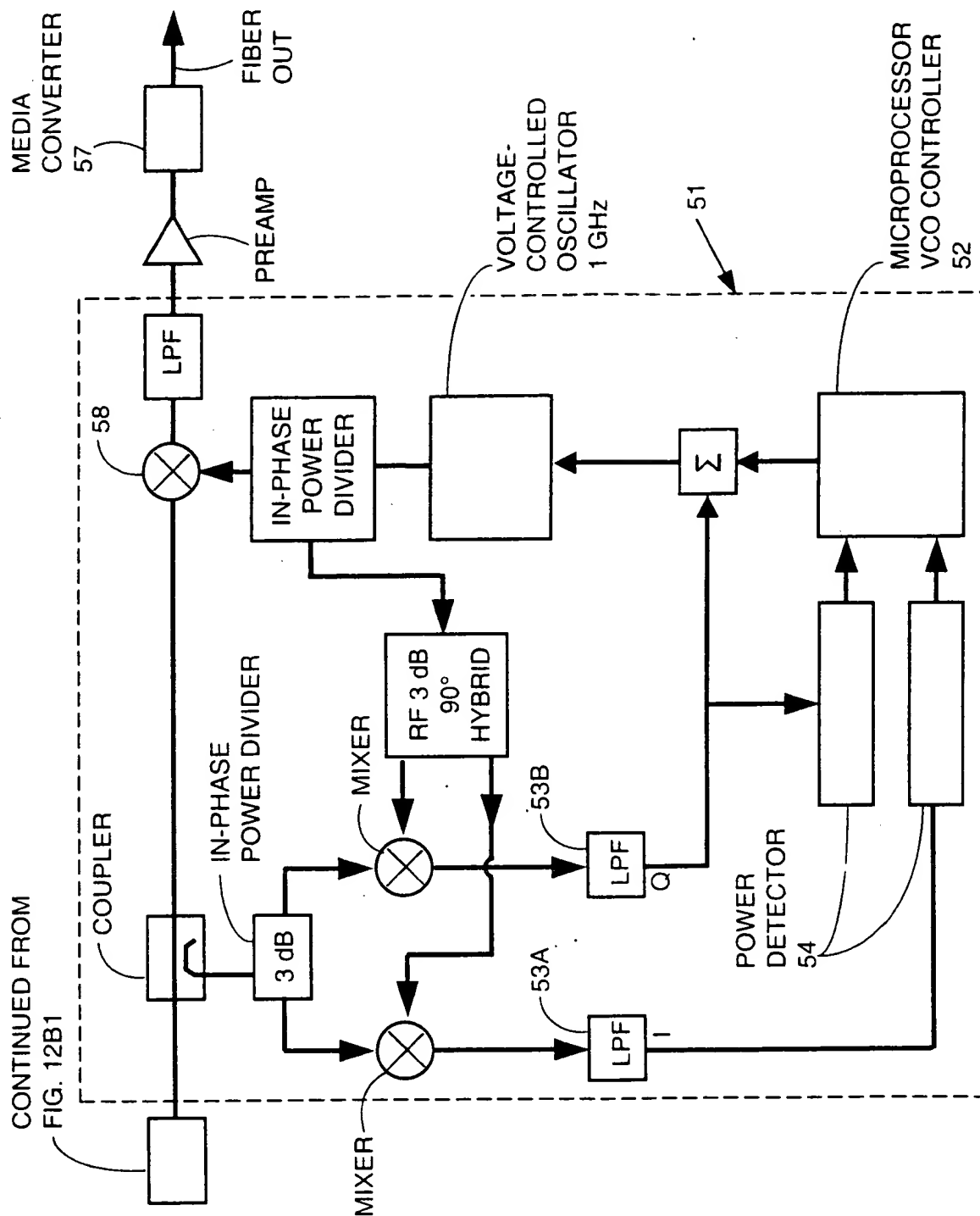


FIG. 12B2

SPECTRUM PLANNING DIAGRAMS (STATION A)

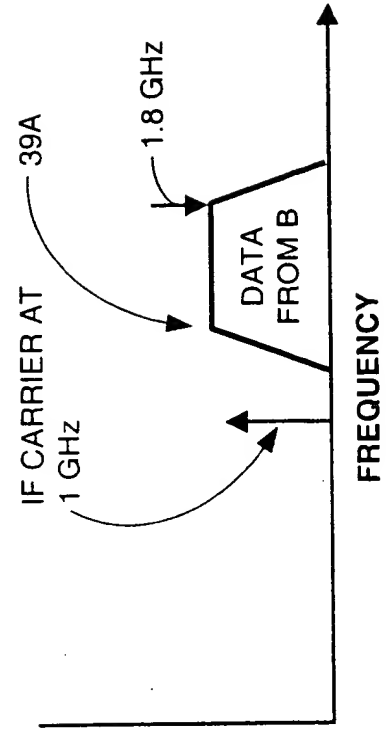
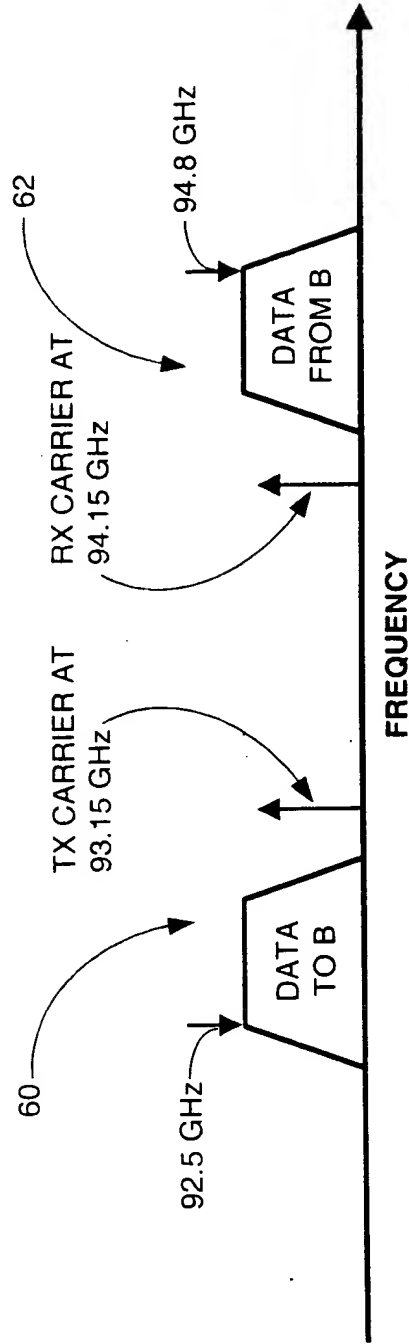


FIG. 13A

SPECTRUM PLANNING DIAGRAMS (STATION B)

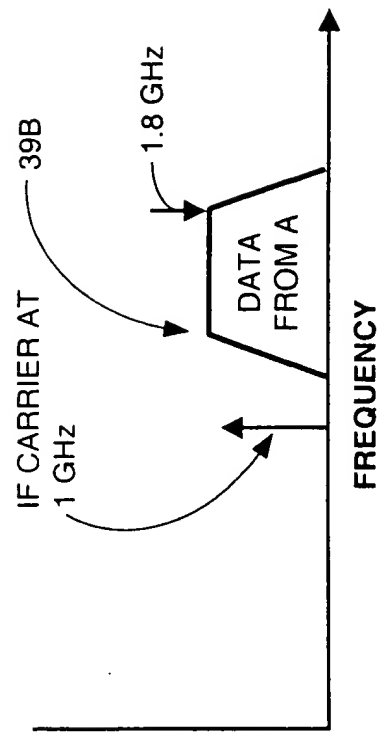
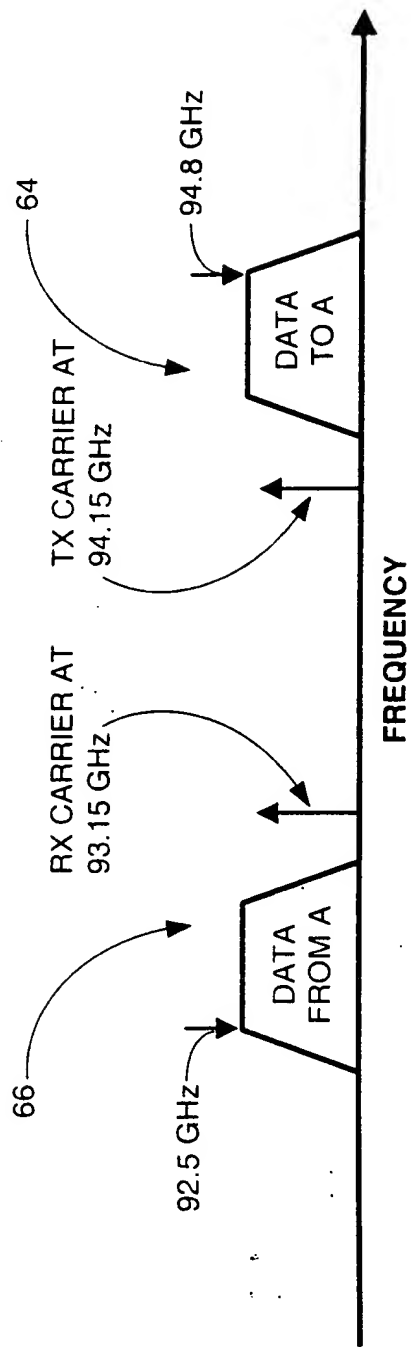


FIG. 13B

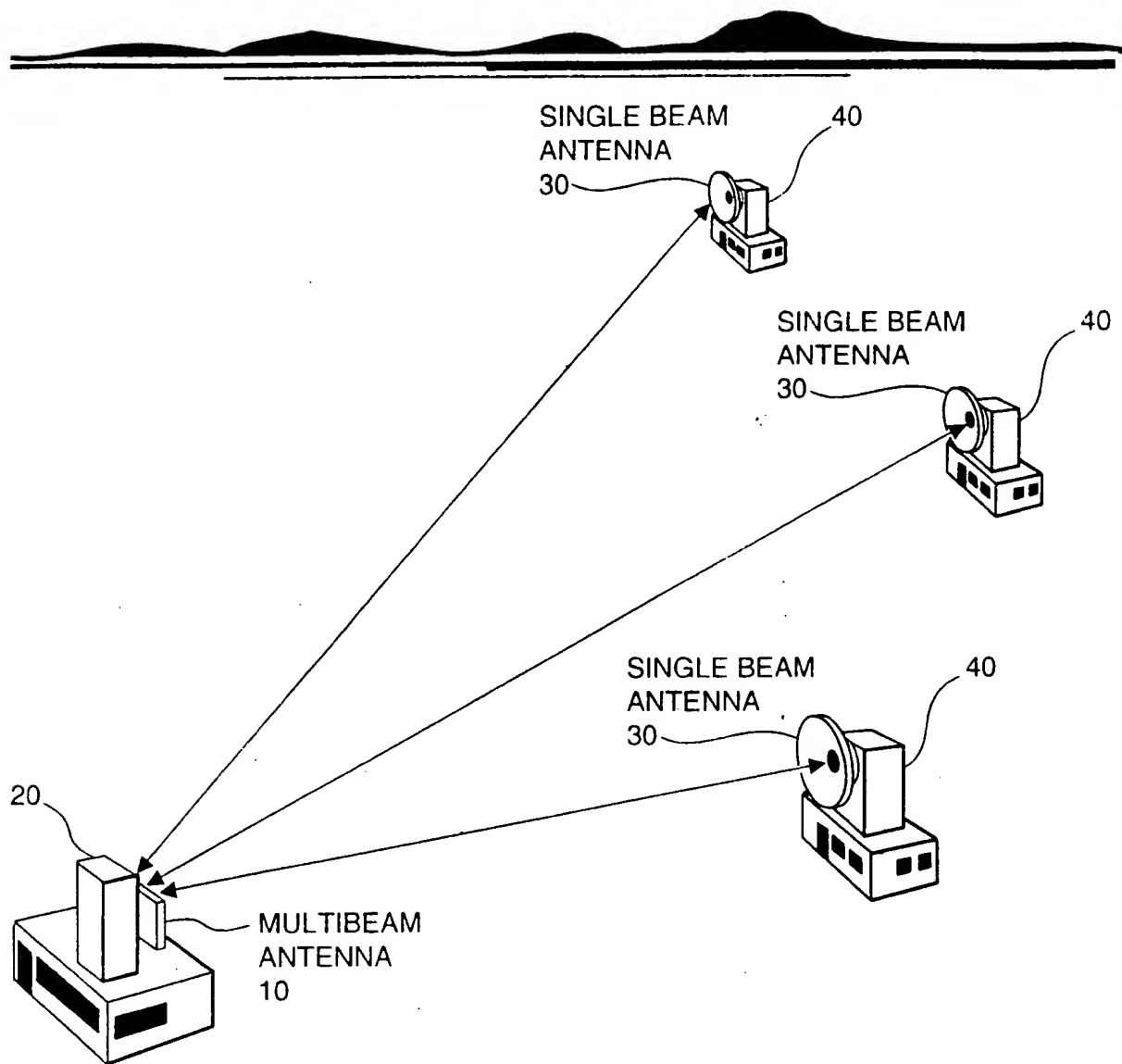


FIG. 14

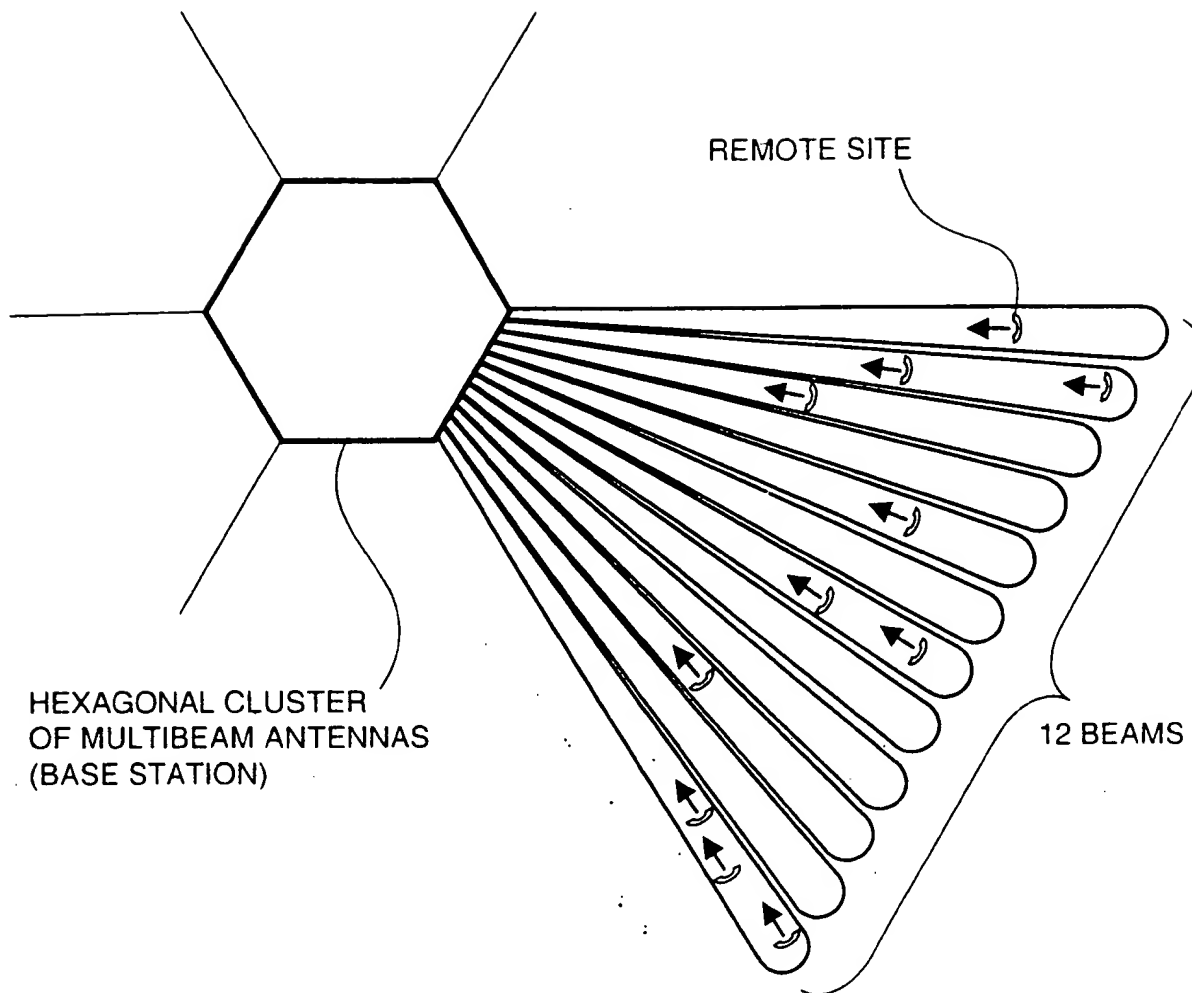


FIG. 15A

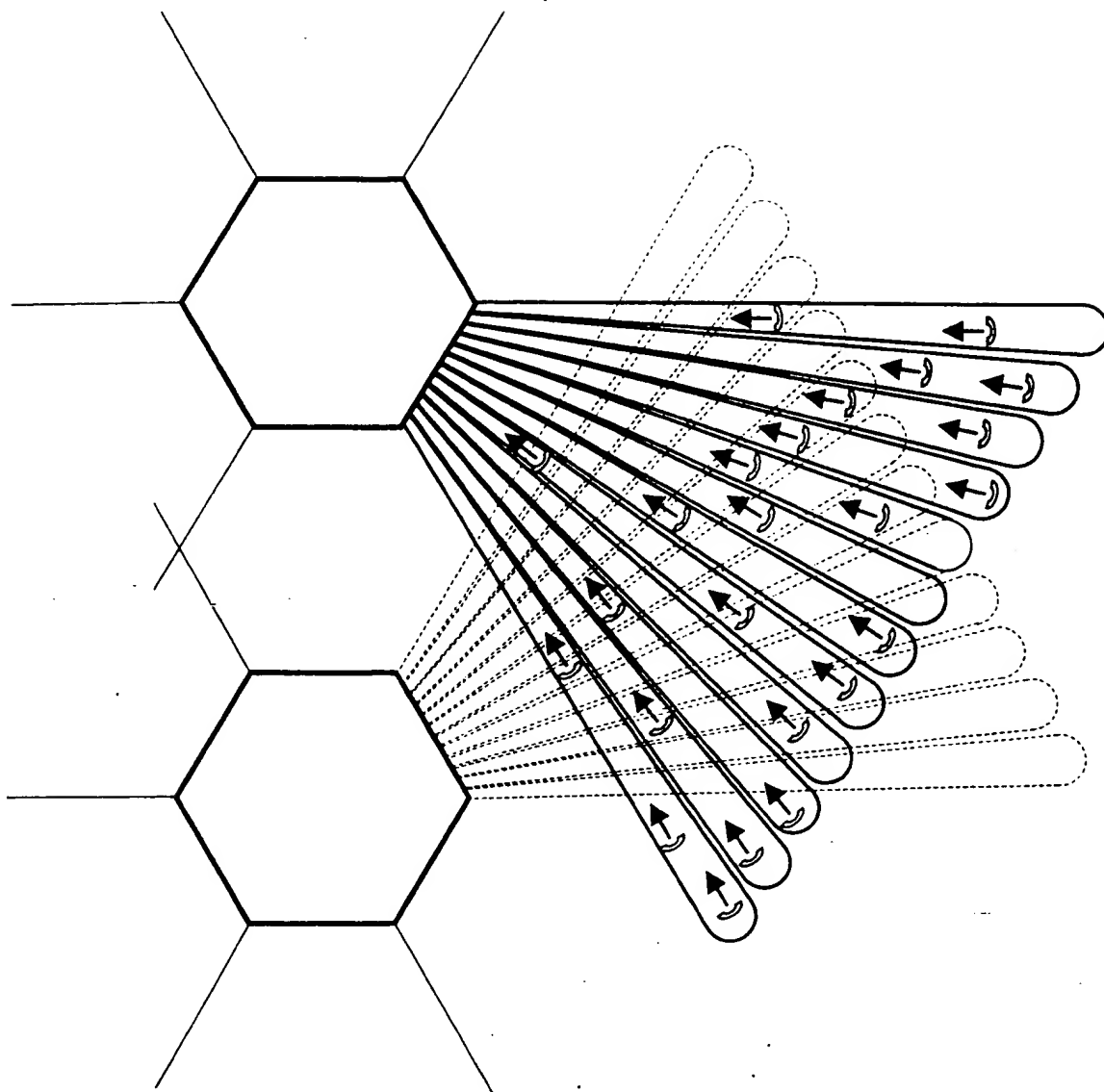


FIG.15B

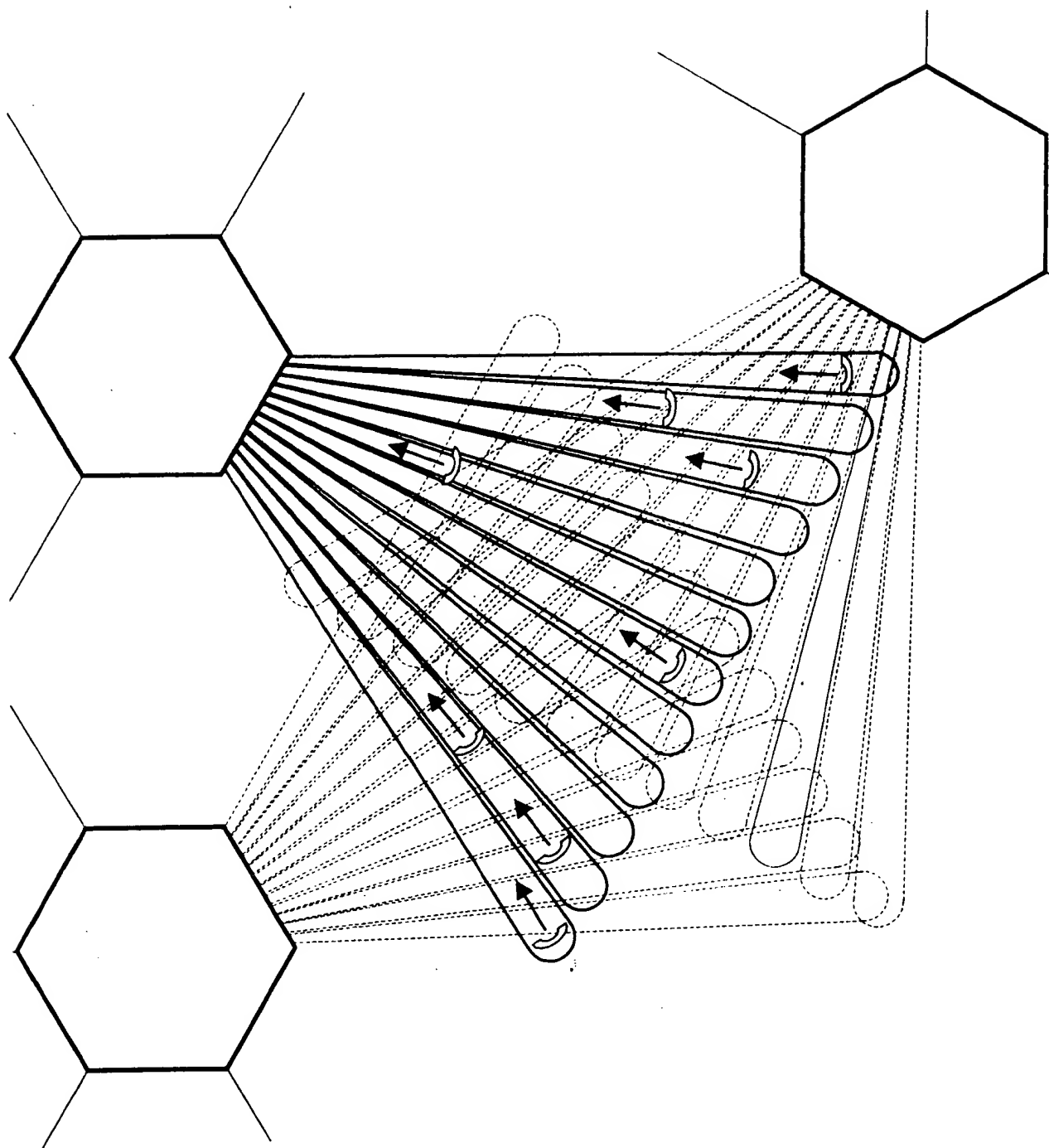


FIG.15C

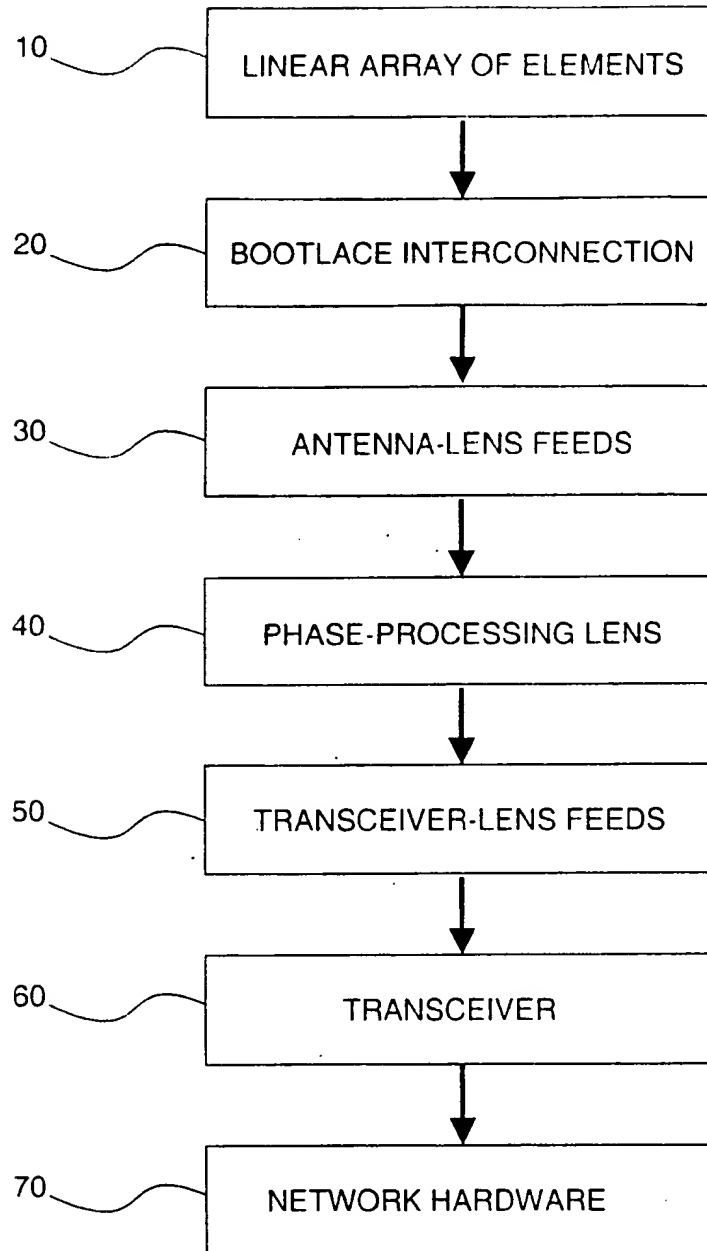


FIG. 16

TOP VIEW

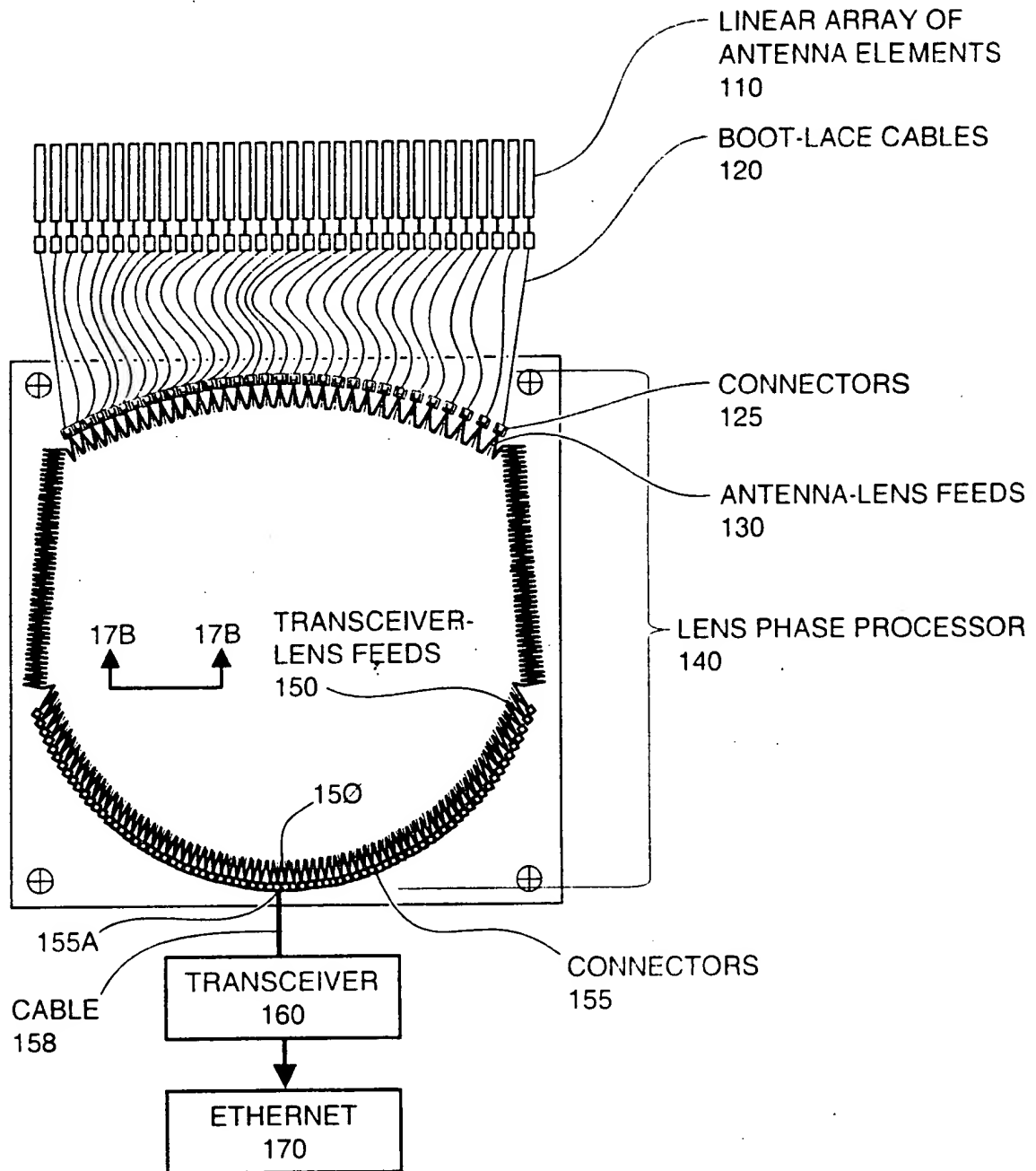


FIG. 17A

SIDE VIEW

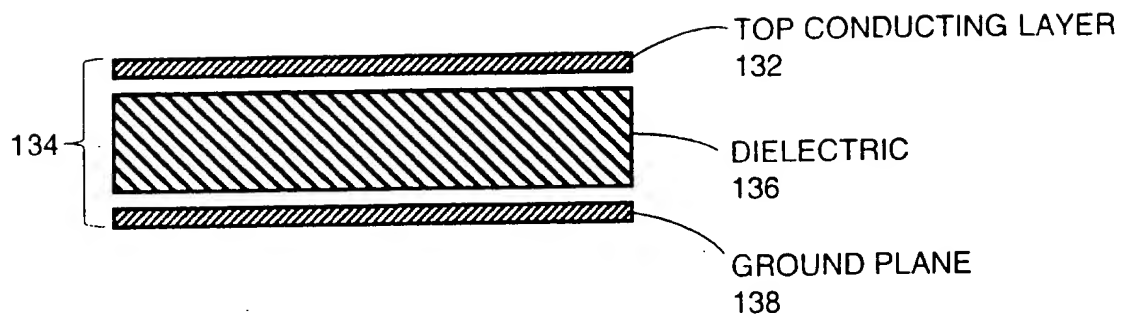


FIG. 17B

TOP VIEW

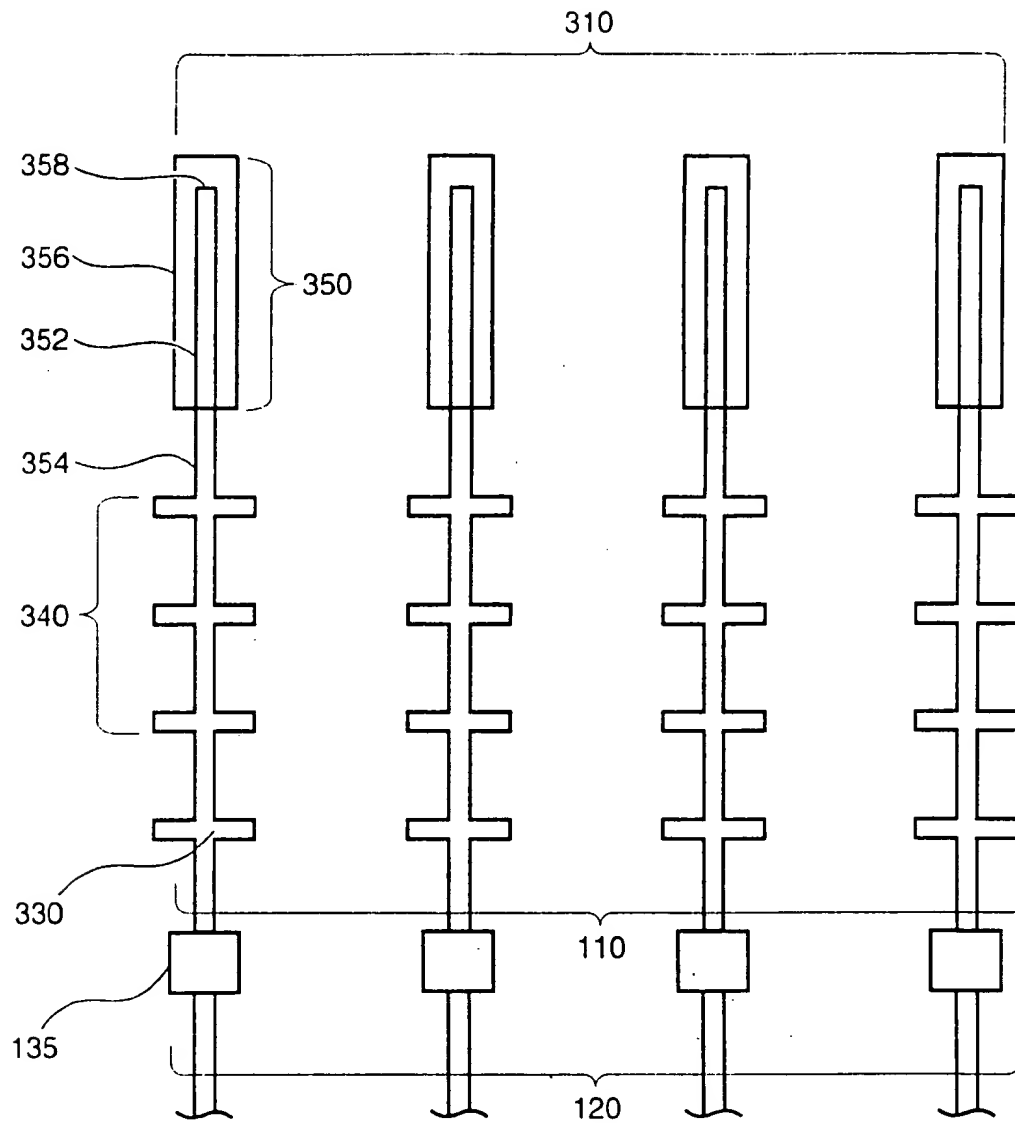


FIG. 18A

END VIEW

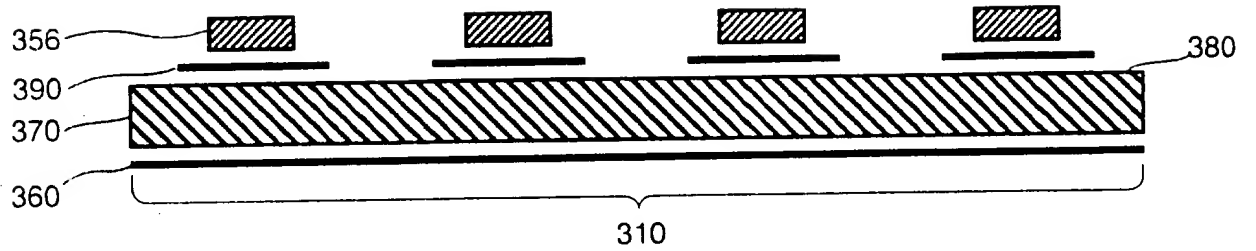


FIG. 18B

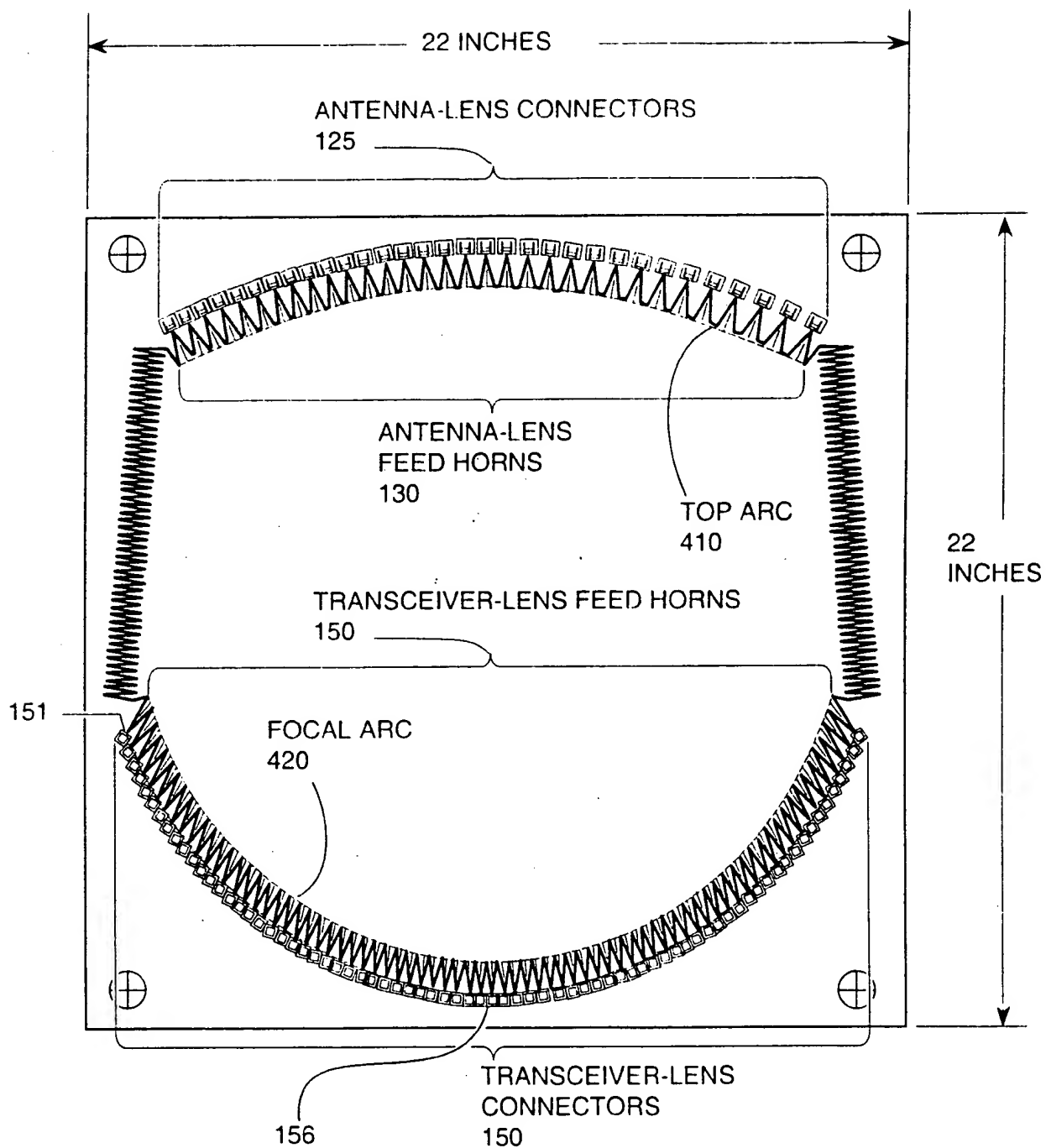


FIG. 19

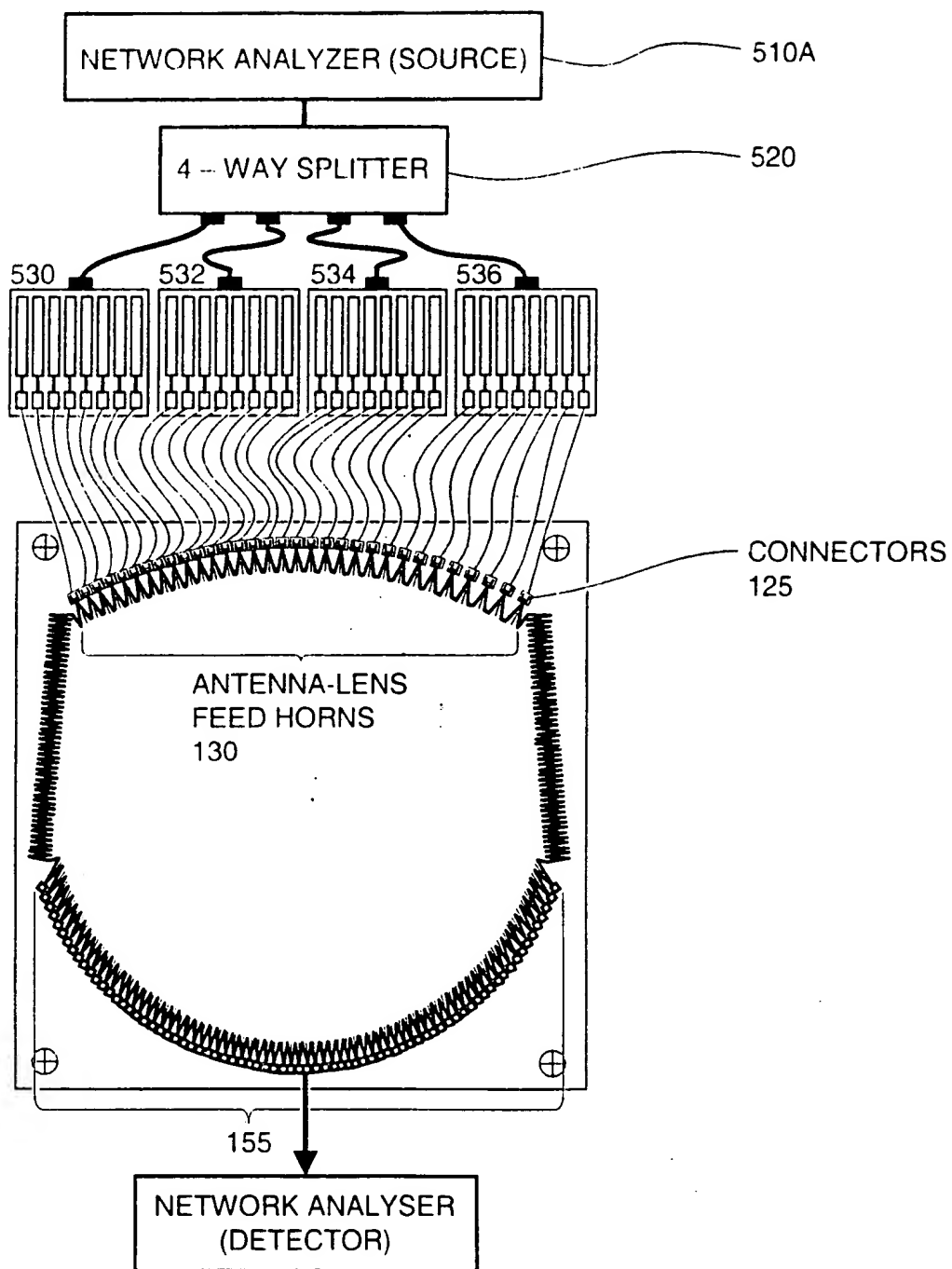


FIG. 20

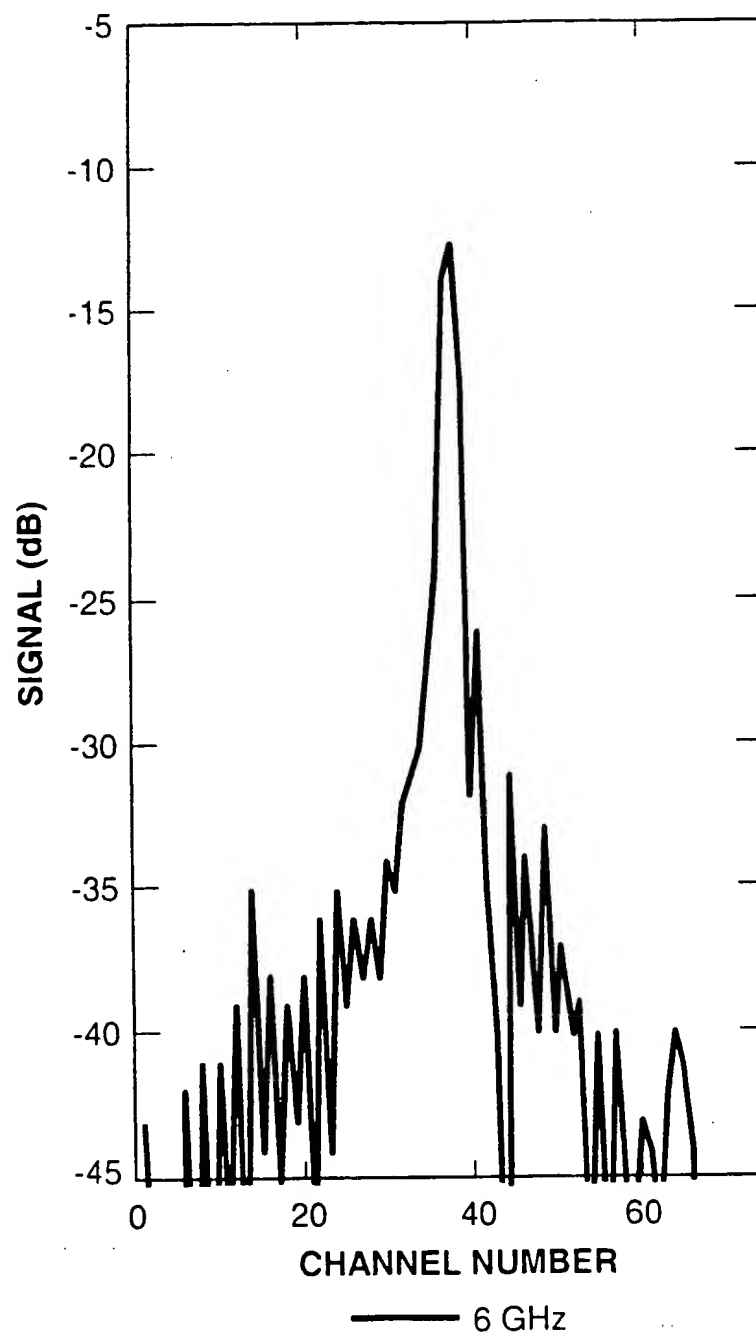


FIG. 21A

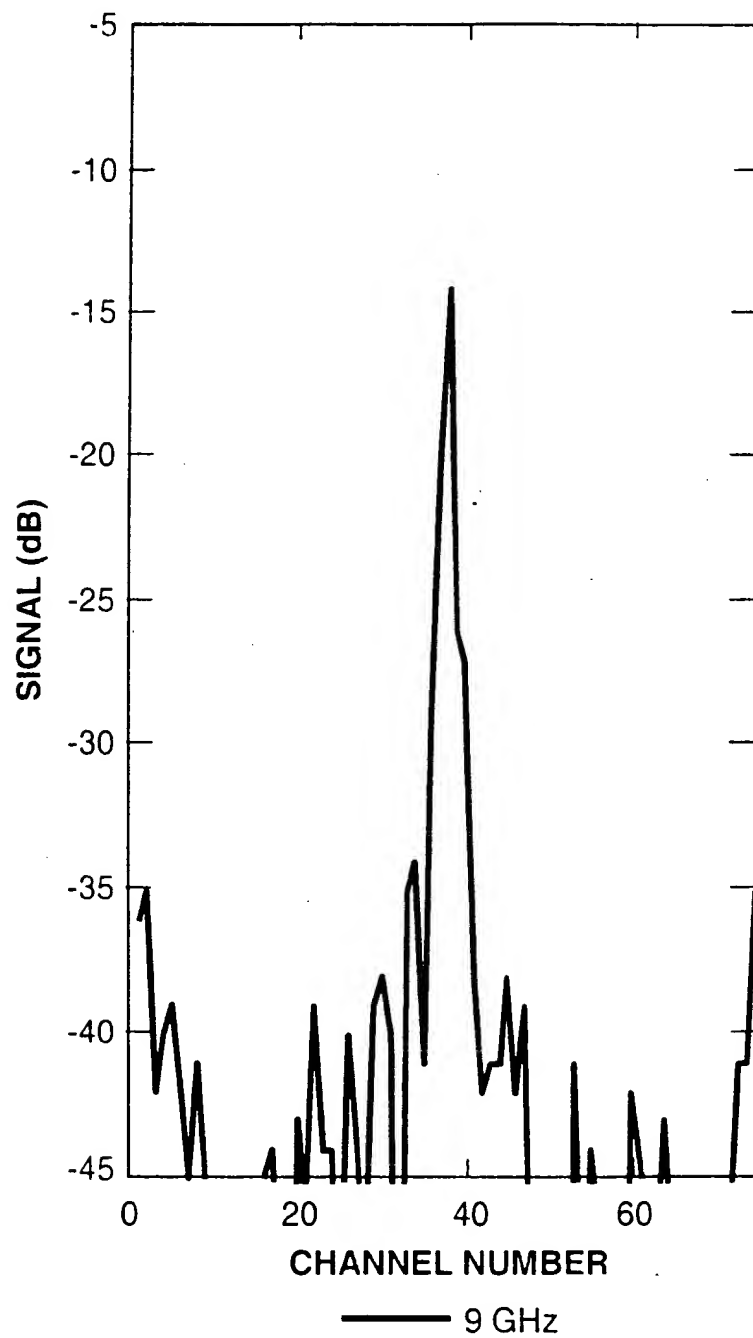


FIG. 21B

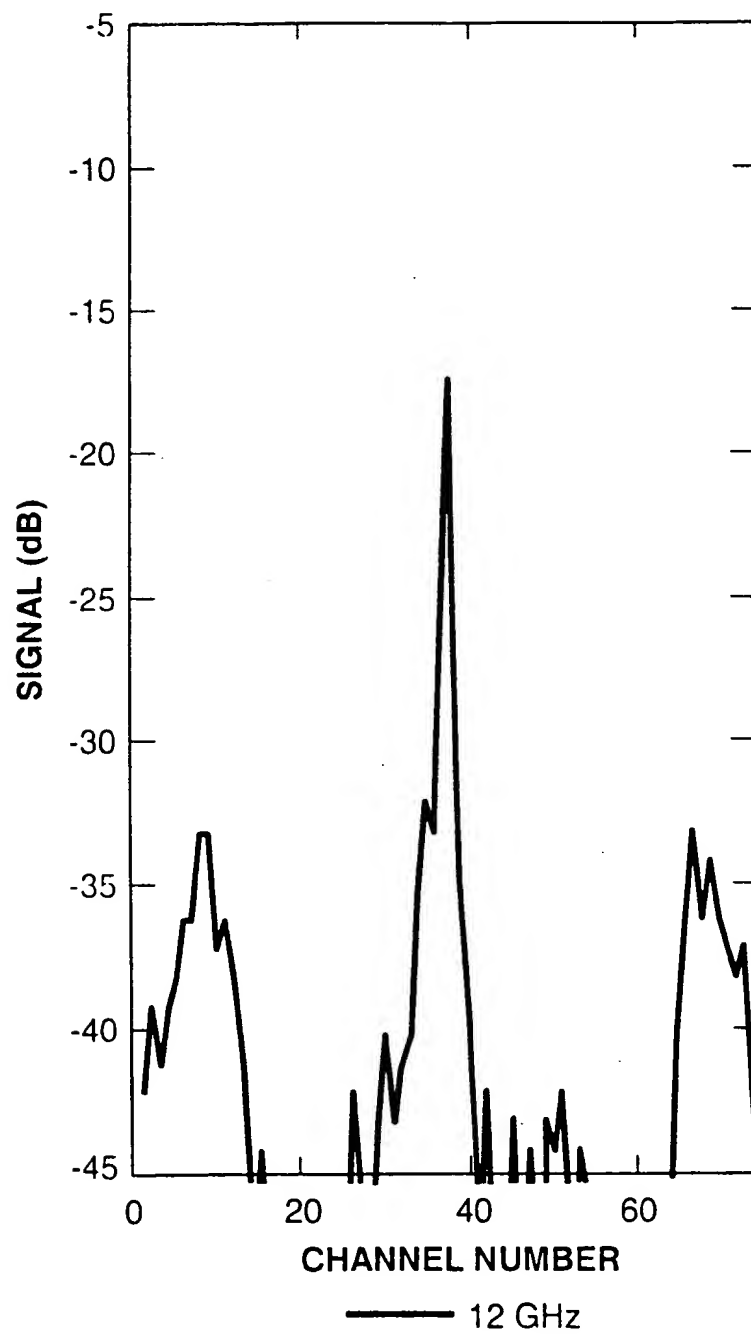


FIG. 21C

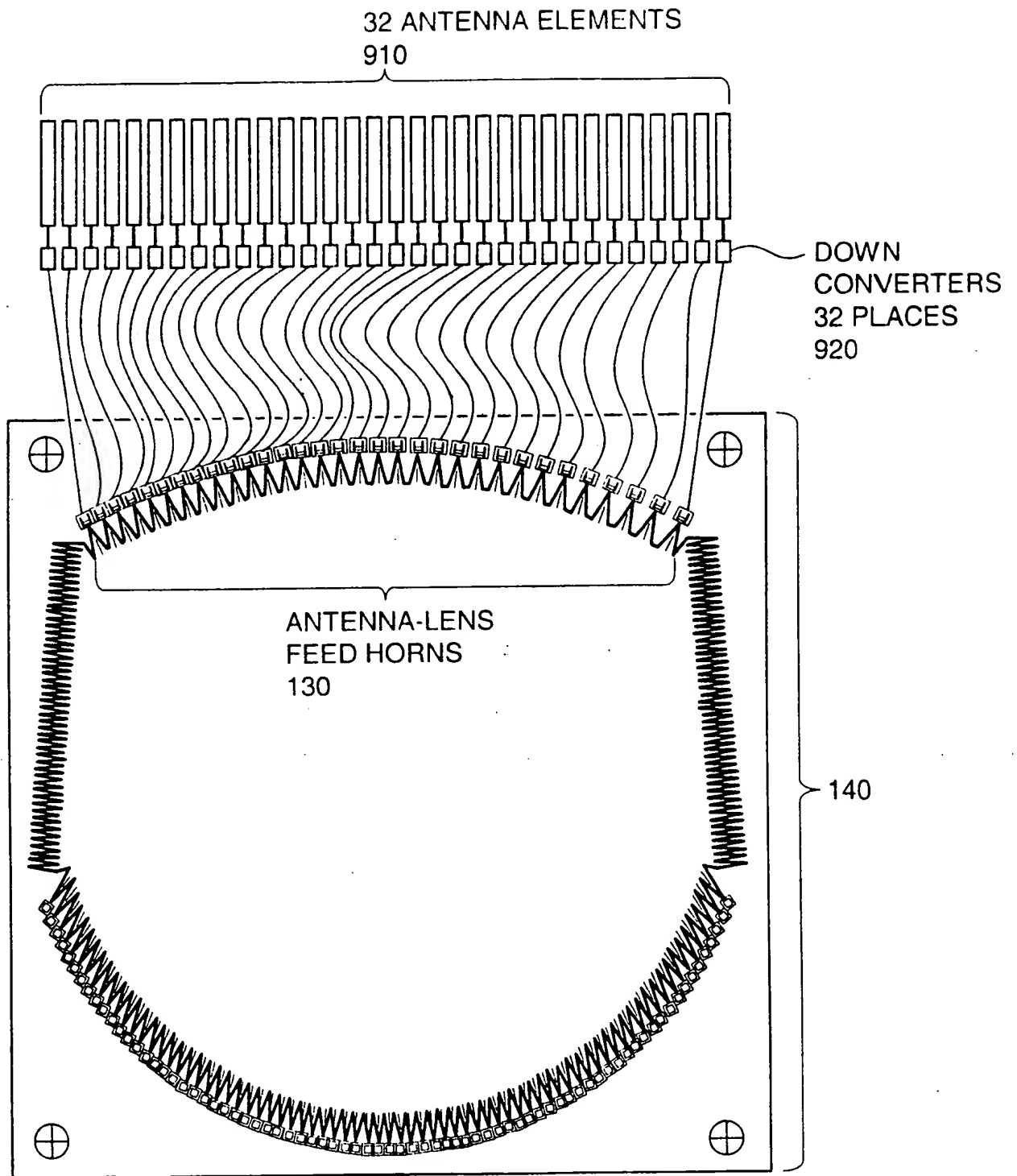


FIG. 22

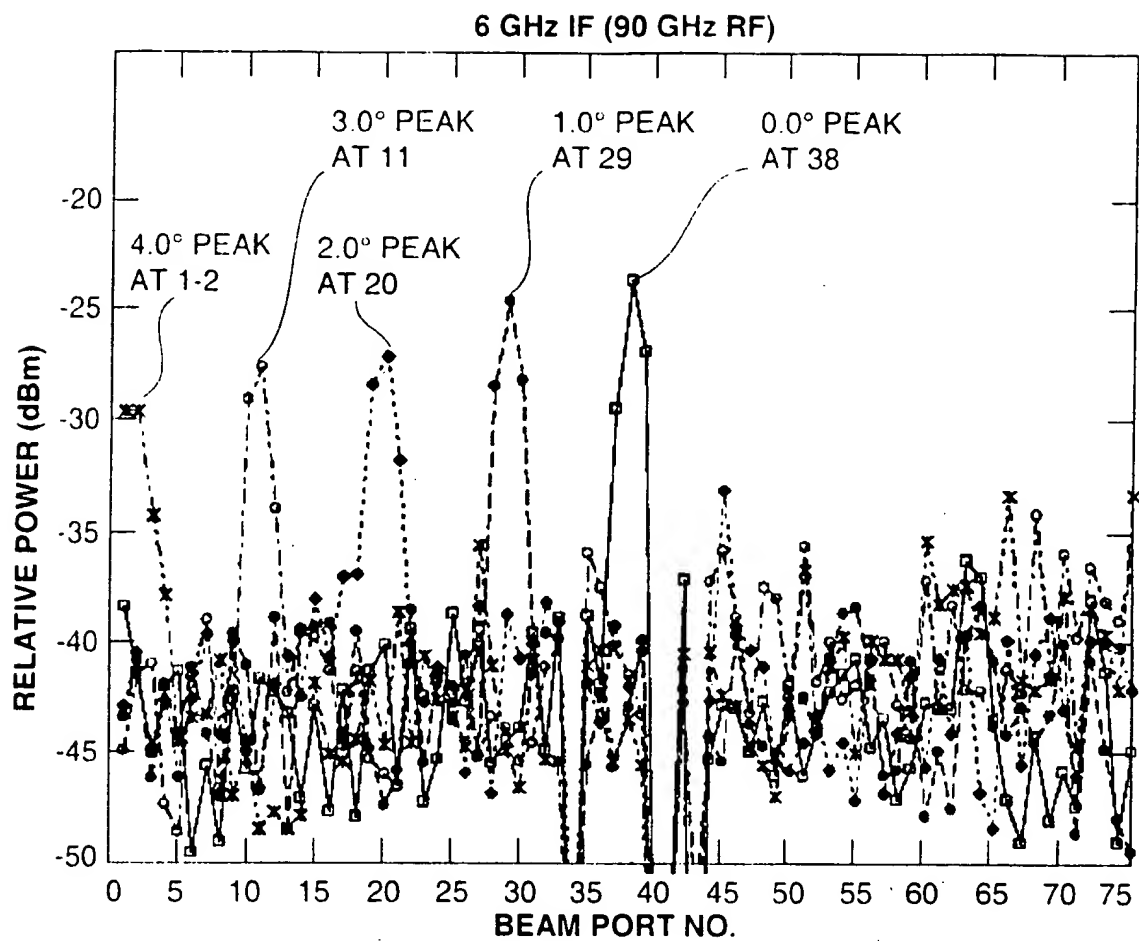


FIG. 23A

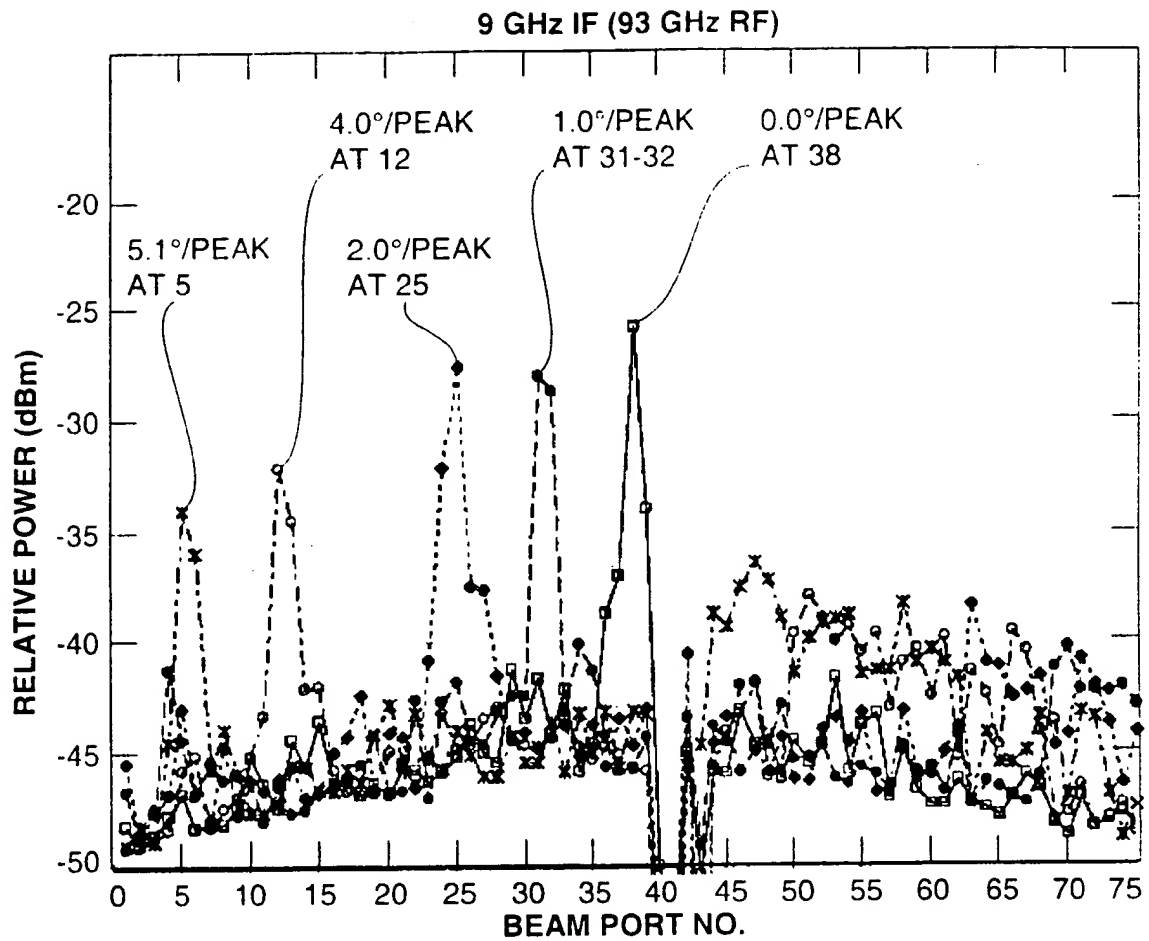


FIG. 23B

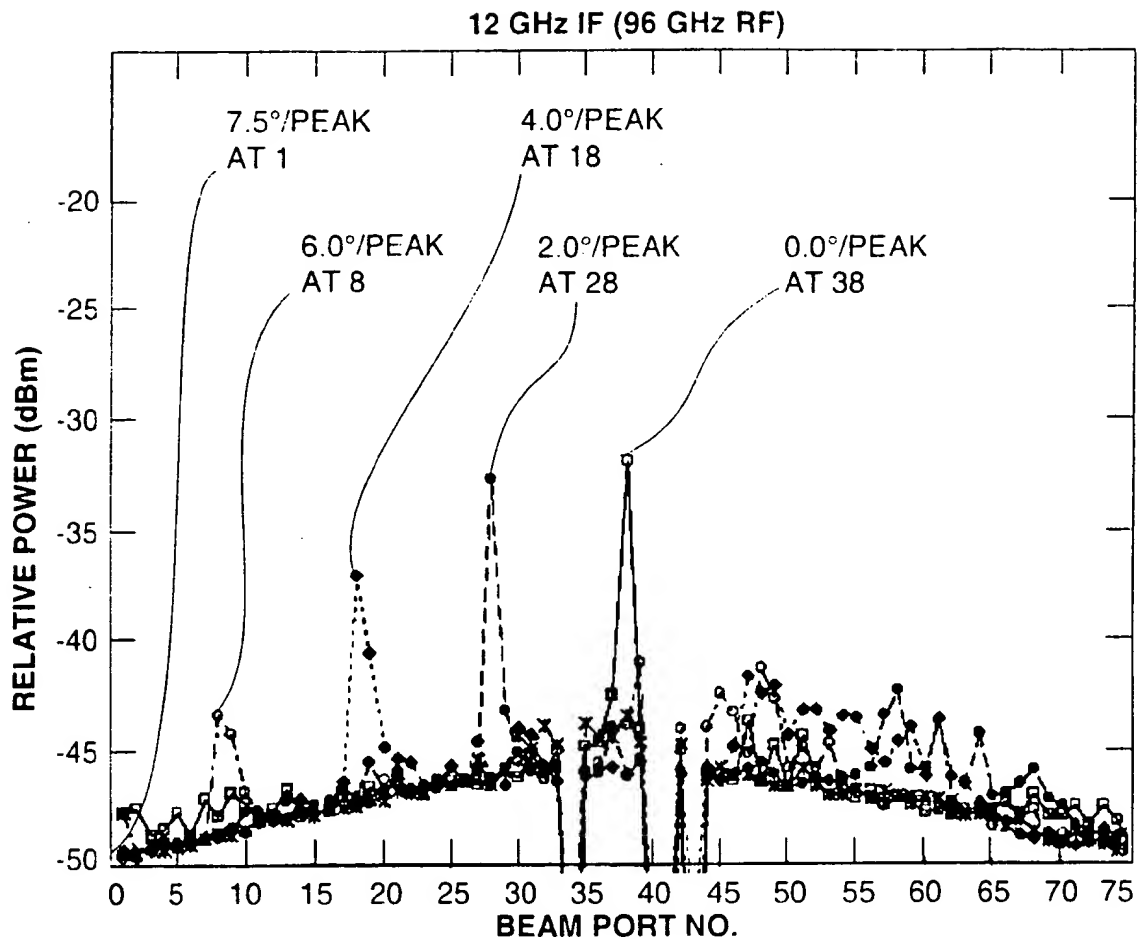


FIG. 23C